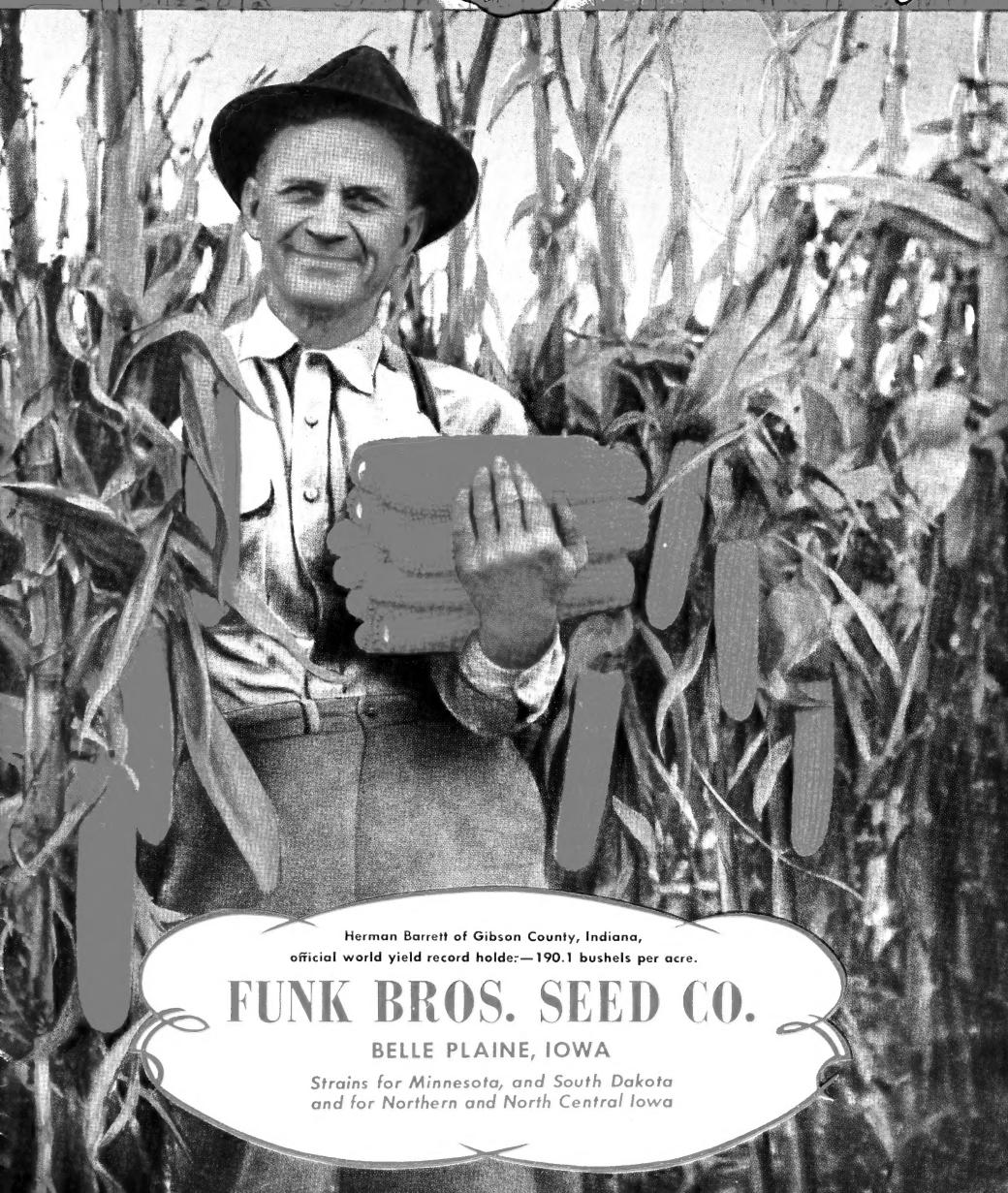


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52-3
Funk Bros. Seed Co.
U.S. Department of Agriculture
MAY 26 1943
J. E. Department of Agriculture

FUNK'S Strain Catalog



Herman Barrett of Gibson County, Indiana,
official world yield record holder—190.1 bushels per acre.

FUNK BROS. SEED CO.

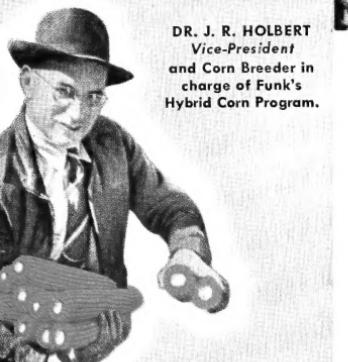
BELLE PLAINE, IOWA

Strains for Minnesota, and South Dakota
and for Northern and North Central Iowa



FUNK'S G HYBRIDS

BETTER NOW THAN EVER BEFORE



DR. J. R. HOLBERT
Vice-President
and Corn Breeder in
charge of Funk's
Hybrid Corn Program.



R. J. LAIBLE
Agricultural Adviser
holding aloft the root
system of a Funk's G
Hybrid.

Proved Higher Yielding Qualities because of Definite Improvements in the Foundation Inbreds

Thanks to new improvements of our foundation inbreds—you can plan on still better performance from your Funk's G Hybrids this coming season. You can plan on higher yielding qualities; tougher drouth and disease resistant ability; an increased degree of resistance to insect enemies.

Special Funk's G Value

Under the direct supervision of Dr. J. R. Holbert, we have intensified minute but important characteristics in each of these precious inbreds. Outstanding characteristics have been improved. Then we have recombined these vigorous inbreds in Funk's G Hybrids, where the newly improved characteristics multiply their superior qualities manyfold. The result means a better yield from your field—a Funk's G value for the coming season.

Proof from 3,000 Plots

The G Hybrid you select for your farm is one that has met rigid performance tests in your locality. Our 3,000 proving plots, located in every corn growing section of the United States, provide practical yield tests under a wide range of weather and soil conditions. Even tests remote from your farm provide performance proof under adverse insect conditions, years in advance of the time the infestation strikes your fields.

Now you owe it to yourself to look closely at the regional map on the next page. Locate your farm. Then consider each of the Funk's G Hybrids adapted to your region. These are carefully described on the pages following. You'll be delighted, I'm sure, with the accurate performance data listed. You'll be doubly pleased when you measure the yield of Funk's G from your next season's corn fields.

Sincerely yours,





Paul Funk
Sales Department



Ted Funk
Manager Funk Farms



Lafayette Funk
Director



Gene Funk, Jr., Secretary
of Funk Bros. Seed Co.



Virgil Givens, in charge
of Seed Production



Wright Hardin
Assistant Corn Breeder



Leon Steele
Assistant Corn Breeder

STRAINS FOR MINNESOTA AND SOUTH DAKOTA, AND FOR NORTHERN AND NORTH CENTRAL IOWA

(Regions 1 and 2 Shown in Color on the Map Below)

All of the Funk's G Hybrids, illustrated and described in this catalog, are adapted to the regions shown in color on the map below. Please bear in mind, however, that local conditions sometimes affect both adaptation and performance. These special local conditions are recognized and provided for. Your local Funk Representative will gladly give you every assistance in selecting the best hybrid for your farm.

To Help You Choose the best G Hybrid for your purpose, the illustrations of corn ears in this catalog are direct color photos. Most of the ears are shown in actual size; a few are one-third actual size. Descriptions of adaptations and characteristics of each strain are based on the experi-

ence of farmer-customers, and observations from repeated tests in Funk's nation-wide system of proving plots.

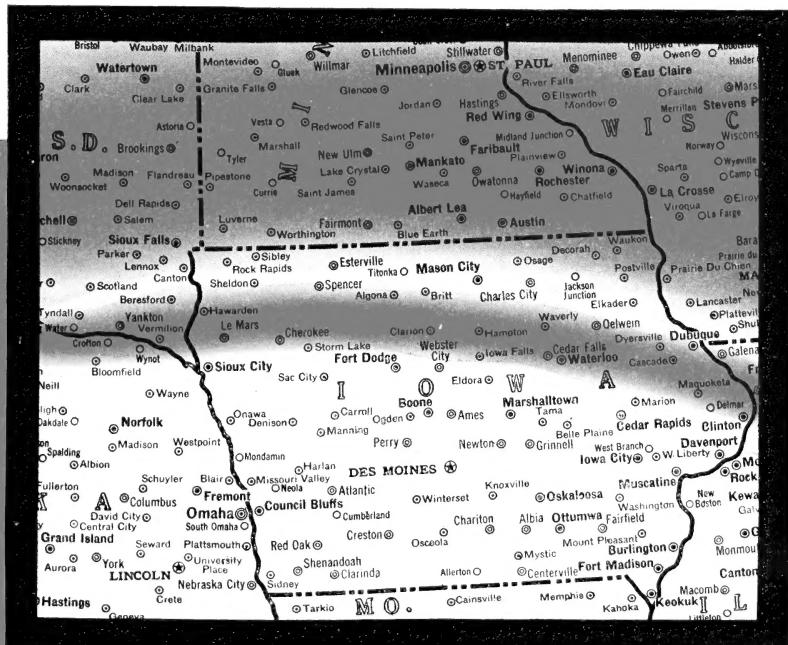
See G Hybrid Fields In Your Community

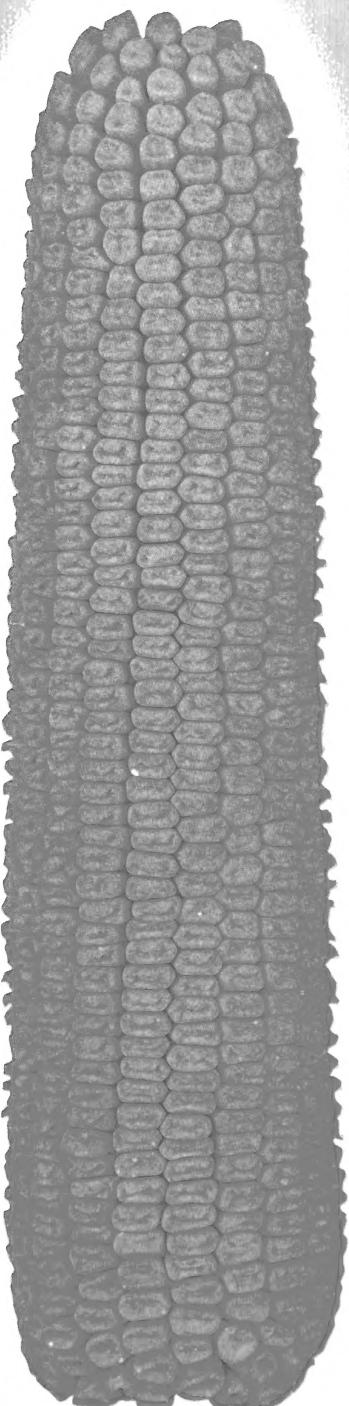
Convince yourself—if you've never grown G Hybrids. There are many fields within easy driving distance of your farm. See these fields; talk to their owners. Compare what you see and hear with the dependable information listed in this catalog. Then consult your nearest Funk Representative. If you do not know him, write direct to the main office for his name.

FUNK BROS. SEED COMPANY • BELLE PLAINE, IOWA

Locate your farm on this map; then refer to the numbers at the left of the map to determine your approximate corn region.

1
2
3
4
5





Standability!

FUNK'S G
G-66

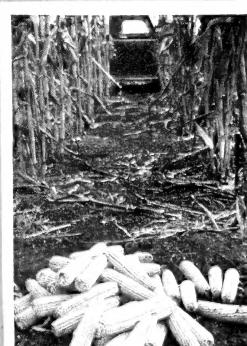
Rough, Deep-Dented Soft Kernels
RESISTANT TO INSECT PESTS

ADAPTATION: G-66 is perfectly adapted to Region 3 of central Iowa. It is a medium to full season for the north half of Region 2 and early to medium in the south half. G-66 matures a high yield on the good fertility levels of the southern part of Region 1. In its adapted area, it produces well under a wide range of growing conditions.

"Like a Regiment of Soldiers": That's the way farmers describe the exceptional standability of G-66 following demonstrations like the 1940 Armistice Day storm in Iowa or the field in the photo above which Lloyd O'Nele of Chapman, Nebraska, left until March 20 and then harvested 81 bu. per acre with a mechanical picker. The sturdy stalks defy wind and storm, and the short shanks hold the ears.

The Kind Your Livestock Likes: Feeders and Hogmen, like John C. Schulte & Son, originators and breeders of Hereford swine, of Norway, Iowa, are boosters for G-66. The big, cylindrical single ears combine size and high shelling percentage to produce exceptional yields. The deep kernels are relatively rough and of soft texture, giving G-66 the grain quality that pleases feeders who want corn that's not hard and flinty.

But the Bugs Pass It By: Chinch bugs in the second brood are seldom a factor in G-66 fields. And in north central Indiana and northwest Ohio, G-66 for three years has been consistent in its resistance to the European Corn Borer.



Resistance and susceptibility to corn borer in a Funk Research Plot near Kokomo, Ind. The hybrid, on the left, has been a popular competitor. But after corn borers, farmers demand the upstanding, bigger-eared G-66.



FUNK'S G
29

FOR REGIONS 1 AND 2

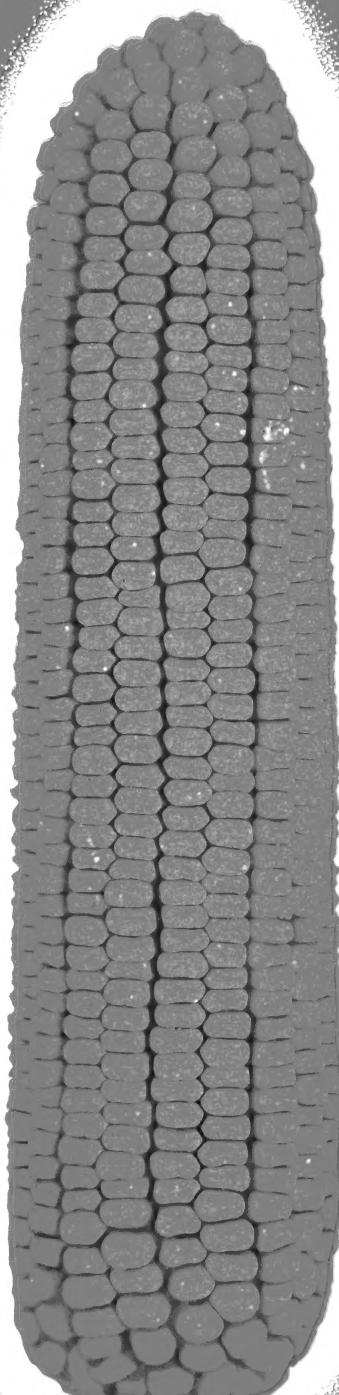
New Deep Dent EARLY

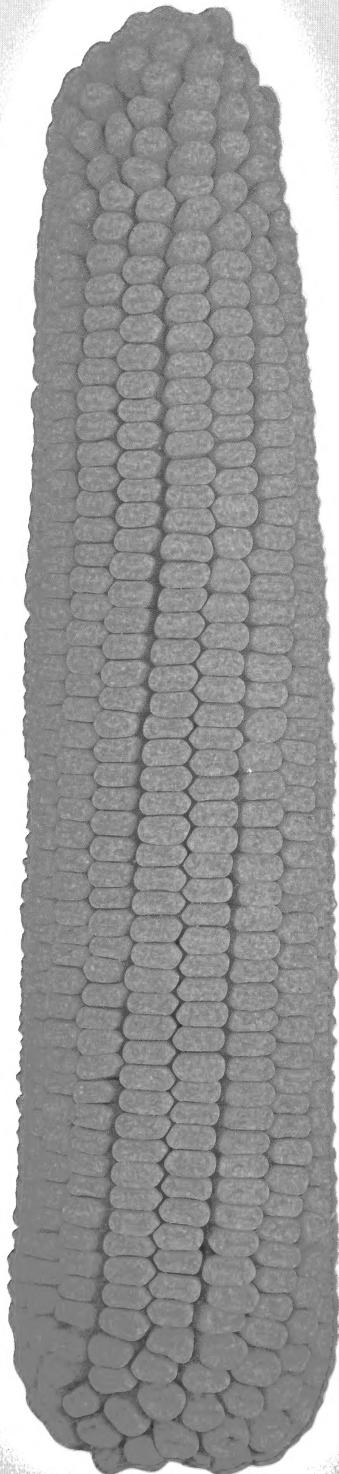
ADAPTATION: G-29 is truly a Region 1 and Region 2 corn. It is a full season corn in the south part of Region 1 and in the north part of Region 2. Farmers in northern Iowa, southern Minnesota and South Dakota regard it as an outstanding corn.

Fine Harvesting Qualities: G-29 simplifies harvesting problems because it is easy to pick either by hand or by mechanical picker. It develops uniformly placed medium low ears. Ears are held secure by stiff stalks long after the maturing season if necessary. The corn is anchored on a massive root system. Stalks are of medium weight and height. The G-29 ear is cylindrical and has a large girth in proportion to its length.

Medium Rough Kernels Preferred: More deeply dented than most corns adapted to the northern part of the corn belt, G-29 is an outstanding favorite on livestock farms. Feeders and breeders have expressed a strong preference for its medium rough kernels over the smoother types of corn more commonly produced. Farm animals of all types eat it well and make good gains.

Oscar Anderson, Slayton, Minnesota, farmer, smiles his approval of a new Funk G hybrid developed for Regions 1 and 2 in the Northern Corn Belt.





Ed Witter, corn king of Buena Vista County, Iowa, examining his fine field of G-114. Notice the size of ears of this early-maturing hybrid.

ADAPTATION: A full season corn for southern part of Region 1. Medium to full season for Region 2 and upper part of Region 3. One of Funk's best corns for the southeast South Dakota area, southern Minnesota and the extreme northern part of Iowa. G-114 is highly drouth-resistant. It thrives on a wide range of soil and growing conditions. Excellent for late planting in southern part of Region 3.

Sturdy, Fast Growth for Top Yields: G-114 starts right off with a vigorous, early growth that carries it through tough seasons to good yield averages. Frank Ahmaun of Remsen, Iowa, says: "Your Funk's G-114 tops them all, especially this year, as we had lots of rain up to July; then 6 weeks of dry, hot weather. Some hybrids are breaking down badly due to firing, but Funk's is standing perfect."

Consistent, All-Around Performance: In the Illinois Official Corn Tests (northeast), G-114 holds the highest 4-year average for total yield—79.9 bushels per acre. It also holds the best 4-year rating for general performance with 109.4 score. (1938 to 1941, inclusive). In the Iowa tests, northern section, it is second high in 4-year yield with an average of 71.56 bushels per acre; a 102.54 score in general performance, and its official rating for dropped ears is only six-tenths of one per cent.

for the North

G-114'S STANDABILITY IS STORMTESTED

WAYNE CAMPBELL, GOTHENBURG, NEBRASKA, writes: "I am very well pleased with Funk's G-114 corn. We had a very bad windstorm and a lot of corn blew down, but mine stood up nice and straight. My Dad had 50 acres of another corn, and had to replant all of it. I drilled wheat in my corn stalks, but Dad's was blown down so badly that we could not drill it."

Through storm after storm, G-114 continues to demonstrate its remarkable standing qualities to farmers all across the northern corn belt. It has been one of the most talked of hybrids since the Armistice Day storm of 1940. After that storm, literally hundreds of customers reported they harvested their G-114 fields with mechanical pickers when neighbors had to pick other hybrids by hand.

G-114 holds by far the highest four-year percentage for erect plants in the official corn Performance Tests of both Illinois, 88.1% (northeastern section) and northern Iowa, 87.9%. The percentages of erect plants for G-114 are 7.1% higher than the next best hybrid in northern Iowa and 8.4% more erect plants than its nearest competitor in Illinois northeastern section.

It's a Pleasure to Pick G-114—Mechanically or by hand, G-114 picks "easy." The ears are hung relatively low. The shanks are unusually strong and short. All during the growing season, the ears hug the stalk closely. Then when they're ripe, they lower to an ideal position for swift, clean husking. There are practically no dropped ears. Short strong stalks assure standability through summer, fall and winter.

GRAND CHAMPION BARROW, 1941 International, owned by Lisle Farms, Lisle, Illinois. Fitted by Harold Henrichs, who fed him G Hybrids.

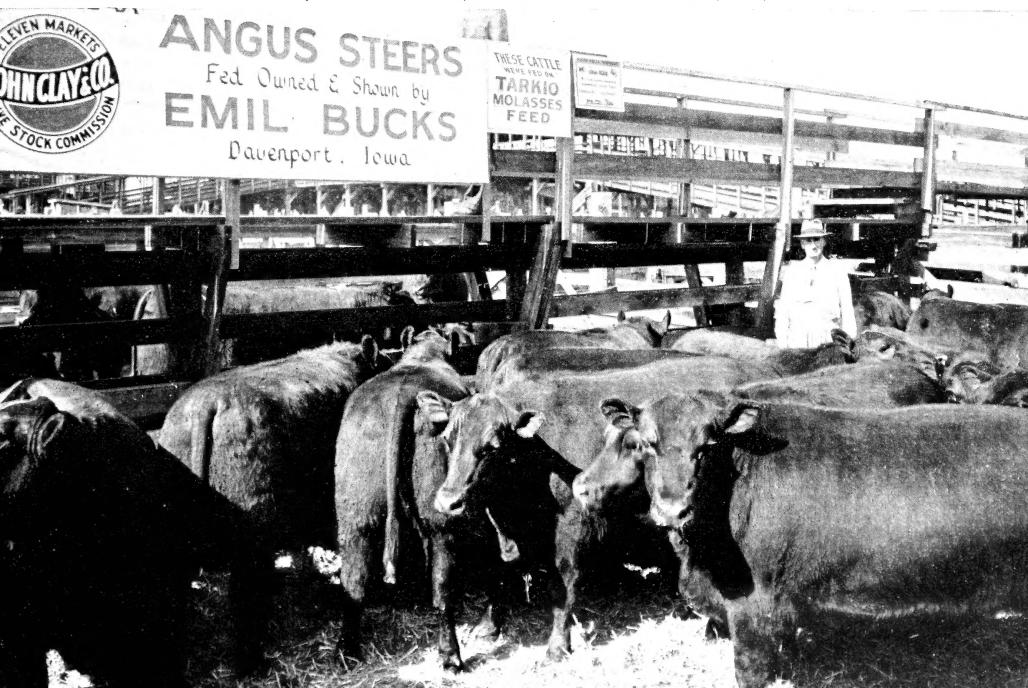


ANGUS STEERS
Fed Owned & Shown by
EMIL BUCKS
Davenport, Iowa

SHOW RING WINNERS owned by Emil Bucks, Scott Co., Iowa, were fed G Hybrids. Mr. Bucks' carlots won second in the lightweight class at both the American Royal and the International, 1941. He showed the Grand Championship Carlot, 1940.



Karl Aschenbrenner's G-114 made 108 bu. per acre, 1941 Tama Co., Iowa, 10-acre test. Below: Bill Webb, 5-acre 4-H winner, Will Co., Illinois—97.6 bu. per acre.





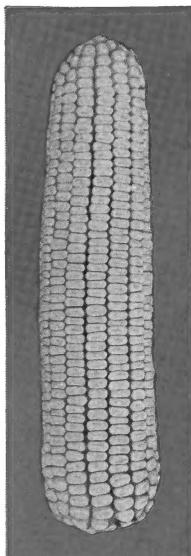
Look at this photo of G-16 ears taken on August 1.



The same ears one month later—on September 1.

Early Drying

MATURES BIG CROPS
FROM THESE TWO HYBRIDS



FUNK'S G
16

ADAPTATION: A full season corn in northern Iowa, lower Minnesota and the adjoining portions of South Dakota that are in Region 1. Medium to full season in Region 2. Early for Region 3 and will mature after a June 15th planting in Region 4.

G-16 Hurries—from the time it is planted until harvested. It starts off with a vigorous growth, and continues to grow rapidly. Then, while the stalk and leaves are still green and growing, its ears start to fill out, and the kernels start to dent. Early denting assures a yield of sound corn. The longer plant life adds extra bushels to the yield. The rate of drying after the first killing frost is exceptionally fast, which is a big advantage for early harvesting. G-16 is truly a hurry-up corn that produces big yields, quickly—about 100 days from planting to maturity at Waterloo, Nebraska. "G-16 is a wonderful corn," writes Alvin Leese of Durant, Iowa. "Mine will do about 100 bu. per acre. The ears are very large and well filled out. I started feeding it to the hogs on August 23. They like it very much and have put on good gains."

Carol Watkins, G Hybrid booster, in a field of our early hybrids in Weld County, Colorado. Tasseling has just started.



G-22 Will Get to the Crib Earlier Than Most Ordinary Corns

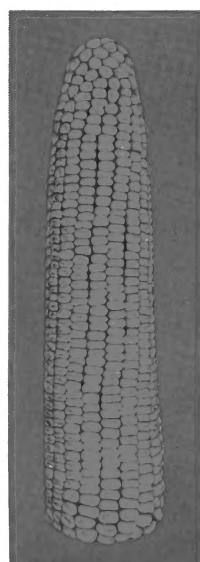
ADAPTATION: Funk's G-22 is adapted to the southern part of Region 1 and the northern part of Region 2. In southern Minnesota and northern Iowa areas where early frosts are a possibility, G-22 merits serious consideration. It is medium early in Region 3 and can produce a full harvest after a late planting in both Regions 3 and 4.



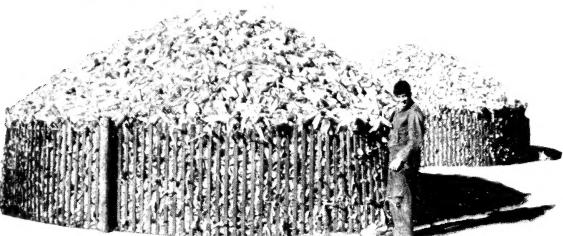
FUNK'S G
22

Stiff Stalks, Low Ears: With farmers who need a single-eared and low-eared corn with stiff stalks, G-22 has always been very popular. It has a medium rough dent with excellent feeding qualities. G-22 dries out quickly after maturity has been reached. This corn has demonstrated that it can thrive under a wide range of weather and soil conditions. Farmers who want a sturdy, rapid early growing hybrid, that matures quickly, and still does not become flinty, will be interested in Funk's G-22.

There's a real "safety factor" in the fast early growth of G Hybrid, says Louis Zeigler, Sterling, Ill. His field far past "knee high the Fourth of July."



A Fine Hybrid for Both Crib and Silo



These temporary cribs on the Dr. G. E. Nelson farm in the southern part of Region 1 stored a carefully-computed 125 bushel an acre yield from a field of Funk's G-12.

Northern Stockmen Use This Hybrid



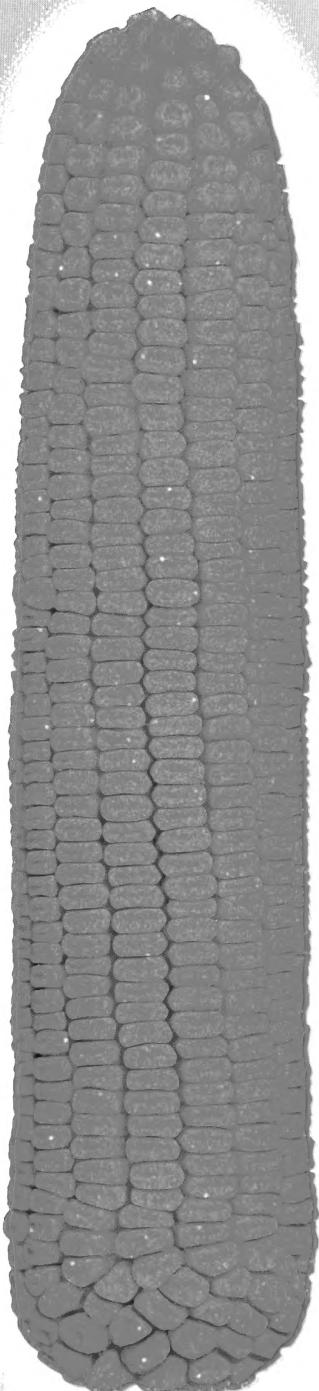
ADAPTATION: Funk's G-12 is adapted to all of the lower section of Region 1, where it is a full season crop. It yields well as far north as Mankato, Minn., and Madison, South Dakota. In Region 2 it is a medium to full season corn, quite early in Regions 3 and 4.

Good Corn on a Livestock Farm: Noted for its good yields in the upper part of the corn belt, G-12 is a popular corn on farms with extensive livestock feeding and breeding programs. Its kernels are a deep lemon color, medium rough and high in feeding quality. Drying is rapid after maturity is reached. For farmers preferring a single ear corn on a stiff stalk of medium height, G-12 is remarkably well adapted to their needs.

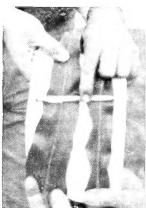
Use It to Fill Silo, too: G-12 can also be used to fill the silo. This hybrid acquires a heavy growth of green leaves early in its development. The plants retain this life and color of the early growing period unusually late in the season, after the ripening of the ear is well along.



This field shows the excellent stalk and leaf characteristics of G-12.



FUNK'S G
1

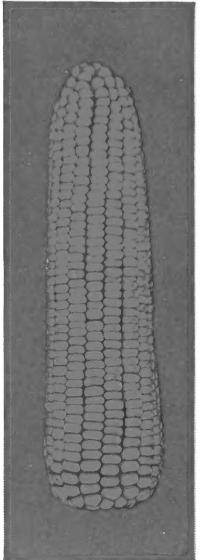


Broad leaf of G-1 (left)
feeds plant generously; re-
sists curling and stripping.

DEVELOPED FOR FARMS IN REGIONS 1 AND 2

ADAPTATION: Matures in less than 100 days. A good full season corn for Region 1; medium for Region 2; early for Region 3. G-1 has also given remarkable results in high altitude areas.

Can Be Planted Early: G-1 can be planted without injury early in the season while the ground is still cold. It has a medium short stalk with medium length ears firmly attached with a short shank. Kernels are medium dented, making G-1 an excellent feeding type corn.



A Real Corn For Short Seasons

FUNK'S G
7

for Region 2; early for Region 3.

G-7 can be planted early in cold ground. It produces exceptional yields on almost any type of soil and fertility level. G-7 is single-eared, and the ears are set at convenient picking height on a strong, medium-short stalk. The kernels are slightly rough, making it a good feeding corn.

Photo at right: G-7 on June 27;
plants measure 30 inches high.



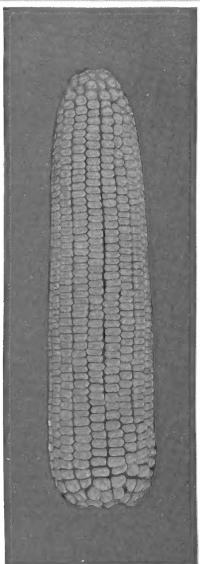
FUNK'S G
28

YIELDS A BIG HARVEST

ADAPTATION: Full season in south half of Region 1 and in north half of Region 2. Medium in the lower part of Region 2 and early in Region 3. Adapted to many soil conditions and resists drought.

Easy to Harvest, Good to Feed: G-28 produces a single ear of medium rough corn which is especially popular with feeders and breeders. Animals eat it well and gain rapidly. G-28 is easily harvested by hand or with a mechanical picker because its stalks hold the ears in place all winter if necessary. The ears have a large diameter with kernels well set, further simplifying the problem of harvesting with a mechanical picker.

F. F. Johnson, northwestern Iowa farmer, exhibits some ears of G-28 that show what this Funk hybrid is producing for farmers in the northern part of the corn belt.



Place Your Order for

Funk's G Hybrids NOW

**Then You Can Be Sure Your
Next Season's Seed Corn Will
Be Ready When You Want It!**

LEWIS J. FALCK
Iowa Manager
for Funk Bros. Seed Co.

See Your Funk's G Representative Today

**He Will Gladly Give You Every Assistance in Planning
Your Planting and in Ordering Your G Hybrid Seed**

Assure yourself now of Funk's G Hybrid Seed Corn for your next planting. Decide on the strain you need for your farm and your requirements. Then arrange for your seed. There is a definite reason for making arrangements as soon as you possibly can. Thousands of corn growers have already placed orders, and the supply is not unlimited. Avoid the possibility of disappointment by acting today.

Consult The Funk's G Representative Nearest You

The Funk's G Representative near you is thoroughly familiar with corn-growing conditions in your neighborhood. He will gladly give you every assistance in planning your planting, and recommend the Funk's G Hybrid to meet your requirements. He will reserve your seed, as you direct. Why not write or telephone him now before you

put this catalog aside? If you don't know his name, write direct to our office at Belle Plaine, Iowa, for complete information. There is no obligation.

How To Order Your Seed

It is easy to order your Funk's G Hybrid Seed Corn now. Simply make a small deposit of \$1.00 per bushel with your order; balance need not be paid until the seed is delivered. Or pay in full with your order, if you desire. In addition, your order should clearly state:

- | | |
|-------------------------------|-------------------|
| (a) Quantity of seed you need | (c) Grade of seed |
| (b) Strain you prefer | (d) Price |

Our representative will supply you with an order blank, or write to the main office for a set. Retain one of the copies of the order for your own information.

Double Checked for Grade and Germination in Funk's Laboratory

As soon as your order is received, we set aside your seed in one of our insured warehouses, especially designed for storing seed corn under controlled conditions. The seed is carefully checked—twice—for germination and planter plate accuracy—also for viability, vigor and freedom from seed-borne diseases. IT IS TREATED WITH SEMESAN, JR., to resist soil-borne diseases that may be present on your farm.

All this information is shown on the Guarantee tag which is securely attached to each bag of your seed. A Seal of Approval with each bag is signed by E. D. Funk, President, and Dr. J. R. Holbert, Vice-President. Be sure to place your order today.

FUNK BROS. SEED CO.

BELLE PLAINE, IOWA



PRODUCED BY

FUNK BROS. SEED CO.

BELLE PLAINE, IOWA.



FUNK'S G HYBRIDS were used at the National Cornhusking Contest, 1941. Despite the mud, the winning husker, Floyd Wise, set a new 45.37 bushel national record for commercial fields.

